

IN THE CLAIMS:

Please cancel Claims 1 to 38 and add new Claims 39 to 62 as shown below. The claims, as pending in the subject application, read as follows.

1. to 38. (Cancelled).

39. (New) An isolated polynucleotide comprising a coding sequence consisting of the nucleotide sequence of SEQ ID NO: 75.

40. (New) The polynucleotide of Claim 39, wherein said polynucleotide is operably linked to at least one expression control sequence.

41. (New) A host cell transformed with the polynucleotide of Claim 40.

42. (New) The host cell of Claim 41, wherein said cell is a mammalian cell.

43. (New) An isolated polynucleotide comprising a coding sequence consisting of the cDNA insert of clone dw665_4 deposited under accession number ATCC 98818.

44. (New) An isolated polynucleotide comprising a coding sequence consisting of the nucleotide sequence of SEQ ID NO:75 from nucleotide 71 to nucleotide 1441.

45. (New) An isolated polynucleotide coding sequence that encodes a protein

consisting of the amino acid sequence of SEQ ID NO:76.

46. (New) An isolated polynucleotide that hybridizes under conditions at least as stringent as 1X SSC at 65 degrees C, or 1X SSC at 42 degrees C with 50% formamide, followed by washing in 0.3X SSC at 65 degrees C, to a complement of the polynucleotide of Claim 39.

47. (New) An isolated polynucleotide that hybridizes under conditions at least as stringent as 1X SSC at 67 degrees C, or 1X SSC at 45 degrees C with 50% formamide, followed by washing in 0.3X SSC at 67 degrees C, to a complement of the polynucleotide of Claim 39.

48. (New) An isolated polynucleotide having at least 90% sequence identity to the polynucleotide of Claim 39.

49. (New) An isolated polynucleotide having at least 95% sequence identity to the polynucleotide of Claim 39.

50. (New) A process for producing a protein encoded by the polynucleotide of any one of Claims 39 and 43 to 49, which process comprises:

(a)growing a culture of a host cell transformed with said polynucleotide in a suitable culture medium; and

(b)purifying said protein from the culture.

51. (New) An isolated polynucleotide comprising a coding sequence consisting of the nucleotide sequence of SEQ ID NO:85.

52. (New) The polynucleotide of Claim 51, wherein said polynucleotide is operably linked to at least one expression control sequence.

53. (New) A host cell transformed with the polynucleotide of Claim 52.

54. (New) The host cell of Claim 53, wherein said cell is a mammalian cell.

55. (New) An isolated polynucleotide comprising a coding sequence consisting of the cDNA insert of clone kj320_1 deposited under accession number ATCC 98818.

56. (New) An isolated polynucleotide comprising a coding sequence consisting of the nucleotide sequence of SEQ ID NO:85 from nucleotide 391 to nucleotide 3210.

57. (New) An isolated polynucleotide coding sequence that encodes a protein consisting of the amino acid sequence of SEQ ID NO:86.

58. (New) An isolated polynucleotide that hybridizes under conditions at least as stringent as 1X SSC at 65 degrees C, or 1X SSC at 42 degrees C with 50% formamide, followed by washing in 0.3X SSC at 65 degrees C, to a complement of the polynucleotide of Claim 51.

59. (New) An isolated polynucleotide that hybridizes under conditions at least as stringent as 1X SSC at 67 degrees C, or 1X SSC at 45 degrees C with 50% formamide, followed by washing in 0.3X SSC at 67 degrees C, to a complement of the polynucleotide of Claim 51.

60. (New) An isolated polynucleotide having at least 90% sequence identity to the polynucleotide of Claim 51.

61. (New) An isolated polynucleotide having at least 95% sequence identity to the polynucleotide of Claim 51.

62. (New) A process for producing a protein encoded by the polynucleotide of any one of Claims 51 and 55 to 61, which process comprises:

(a)growing a culture of a host cell transformed with said polynucleotide in a suitable culture medium; and

(b)purifying said protein from the culture.